

# HISTORIC AMERICAN ENGINEERING RECORD

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WHEELING-PITTSBURGH STEEL CORPORATION, NORTH  
PLANT  
Steubenville  
Jefferson County  
Ohio

HAER OH-129

## INDEX TO BLACK AND WHITE PHOTOGRAPHS

Joseph E Elliott, photographer, 2010

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| OH-129-1 | Overall view of North Plant from West Virginia side of Ohio River, showing from left to right: coke plant bridge, blast furnaces 1 and 2, river pump house, site of open hearth plant and blooming mills, pickling and cold strip mill buildings, and Steubenville Plant of Weirton Steel Corporation. |
| OH-129-2 | View of North Plant from West Virginia side of Ohio River, showing coke plant bridge, blast furnaces 1 and 2, river pump house, and pickling building.   |
| OH-129-3 | West elevation of blast furnace plant and ore yard.  |
| OH-129-4 | Overall view of shops and former tube mill buildings.  |
| OH-129-5 | North elevation of blast furnaces 1 and 2 and boiler house, taken from former site of blooming mills.  |
| OH-129-6 | View of west end of boiler house, high line, and blowing engine house no. 2.   |
| OH-129-7 | View of locomotive repair shop building with blast furnaces in background. Photograph taken from former site of open hearth stockhouse.  |
| OH-129-8 | Blast furnace ore yard.  |
| OH-129-9 | Southeast elevation of blast furnaces 1 and 2.   |

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OH-129-10	South elevation of blast furnaces 1 and 2.
OH-129-11	General view of rail yard, taken in the opposite direction of HAER OH-129-4. Photograph taken from third floor of riggers shop, originally constructed as the tube mill gas producers building. From left to right: ruins of second foundry, pattern storage building, carpenters shop, high line and blowing engine house No. 2. Remains of 42" gauge coal tramway to gas producers on right. At extreme right is pipe shop.
OH-129-12	From left to right: coal tramway, pipe shop, structural repair shop/oil house, No. 1 powerhouse (behind oil house), blast furnace recycle plant, and central stores office building.
OH-129-13	Pipe shop, structural repair shop/oil house, and No. 1 powerhouse (behind oil house).
OH-129-14	Pipe shop, No. 3 substation, No. 1 powerhouse, and structural repair shop/oil house.
OH-129-15	West elevation of structural repair shop/oil house.
OH-129-16	Northwest view of No. 1 powerhouse.
OH-129-17	Overall view of Westinghouse Machine Co. 26" and 54" x 48" cross compound Corliss electric generating engine, located inside No. 1 powerhouse.
OH-129-18	Low pressure side view of Westinghouse Machine Co. 26" x 54" x 48" cross compound Corliss electric generating engine.
OH-129-19	View of Westinghouse Machine Co. 26" x 54" x 48" cross compound Corliss electric generating engine. Flywheel 18' diameter.
OH-129-20	Crank end view of Westinghouse Machine Co. 26" x 54" x 48" cross compound Corliss electric generating engine.
OH-129-21	1000 KW, 250-volt DC generator on Westinghouse Machine Co. 26" x 54" x 48" cross compound Corliss electric generating engine.

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OH-129-22	View of HP side of Westinghouse Machine Co. 26" x 54" x 48" cross compound Corliss electric generating engine. Device next to flywheel is part of the emergency engine stop mechanism.
OH-129-23	Head end view of Westinghouse Machine Co. 26" x 54" x 48" cross compound Corliss electric generating engine. The 26" diameter high pressure cylinder is on the left; the 54" low pressure cylinder is on the right.
OH-129-24	26" high pressure cylinder on Westinghouse Machine 26" x 54" x 48" cross compound Corliss electric generating engine. The emergency engine stop valve is located above the throttle valve, which is equipped with a handwheel.
OH-129-25	Cast-iron gauge plate on Westinghouse Machine Co. 26" x 54" x 48" cross compound Corliss electric generating engine.
OH-129-26	54" low pressure cylinder of Westinghouse engine.
OH-129-27	View of basement under Westinghouse engine, showing brick engine foundation, steam receiver, and spare engine parts.
OH-129-28	View of basement under Westinghouse engine, showing brick engine foundation, steam receiver, and spare engine parts.
OH-129-29	View inside cast house of No. 2 blast furnace.
OH-129-30	View inside cast house of No. 1 blast furnace.
OH-129-31	Pattern storage building.
OH-129-32	East elevation of No. 2 blowing engine house. This building contains an Elliott turbo blower and an Ingersoll Rand turbo blower, replacing three Mesta Machine Co. horizontal cross compound steam blowing engines.
OH-129-33	View of pickling line building.
OH-129-34	2-1/2 ton William Sellers double-frame steam forging hammer, located in blacksmith shop.
OH-129-35	Overall view of coke plant bridge from Ohio side of river.